# TECHNICAL SERVICE INSTRUCTIONS ISSUED BY <br> <br> KRIESLER AUSTRALASIA PTY. LTD. 

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## 31-4 RECEIVER BATTERY (VIBRATOR TYPE) -TABLE MODEL

INSTALLATION INSTRUCTIONS.-As recommended in booklet issued with receiver.
SOURCE OF POWER.- 6 Volt Accumulator.
FREQUENCY RANGES.-Broadcast Band- 540 K.C. to 1650 K.C.
Shortwave Band- 18 M.C. to 6 M.C.
The frequency ranges indicated above are common to every 31-4 receiver unless information to the contrary is given on the relevant instruction sheet.
CONTROLS (left to right).-TONE (Normal, S/W \& Speech, High Fidelity), VOLUME, BATTERY SWITCH (off, receiver "on," receiver and lamps-"en"), TUNING, BAND SELEGTOR (Shortwave, broadcast).
CABINET.-Standard bakelite type comprising-
1-Top Part No. 20-19.
Alignment Instructions

1-Base Part No. 20-30.
(See Section D)
IMPORTANT.-When making enquiries concerning any patieutar receiver, please quote full model number and serial number, e.g.-

Model No. 31-4A, Serial No. 1625.
RELEASED.-October, 1947.





## PROCEDURE FOR REMOVING CHASSIS FROM CABINET.

1. Invert receiver, break seal and remove cabinet base by unscrewing $4 \times$ No. 6 Self-Tapping screws.
2. Remove speaker plug from socket in rear of chassis.
3. Remove $4 \times$ No. $10 \times \frac{3^{\prime \prime}}{8^{\prime \prime}}$ long Self-Tapping screws located in four corners of inside of chassis.
4. Receiver may now be withdrawn from cabinet.

NOTE.-It is not necessary to remove knobs from control spindles of this receiver (unless so desired) in order to remove receiver from cabinet.
Knobs fitted to this receiver are push-on type and removal of same is accomplished by pulling knob off control spindle.

RECEIVER MODEL No. 31-4.

## Typical Voltage Analysis.





NOTE--Voltages measured with respect to chassis ( 20,000 ohms per volt meter).

MODEL 31-4A.
CIRCUIT: As on 31-4 circuit.
COIL KIT: Part No. 15-12 (A.W.A. Tuning Condenser).
DIAL GLASS: Part No. 50-28.
SPEAKER: Part No. 70-22 (6" Permanent Magnet Type).
OUTPUT TRANSFORMER: Part No. 18-37.
VIBRATOR TRANSFORMER: Part No. 18-4.

